

IN THE SPECIFICATION:

Please amend the specification, with reference to the paragraph numbering in the published application:

[0025] A header or tag is added to the segment (block 26 24). The tag includes information including the connection identification for the traffic, which is used herein to mean the connection between the traffic's source and destination end-points, for directing the traffic from its origin to its end point. During the rest of the packet processing procedure, the original segment is treated as a single block of data. It will be appreciated that, in order to connect to networks which use MPLS (Multi-Protocol Label Switching) protocol, the tag can be based on MPLS.

[0026] Next, the tagged segment is switched to the appropriate Trunk by a packet switch (block 28 26). The Trunk encapsulates the tagged segment into a Point-to-Point Protocol (PPP) packet in a frame, preferably a High bit rate Digital Link Control (HDLC)-like frame.